

Carrier Shipment Status

XML: Carrier Shipment Status

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Document Information

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Revision History

Version	Date	Author	Changes
1.0	11-15-2021	Nick Ringsby	Create Document
1.1	3-22-2022	Alex Jung	Update to align with new map changes.
1.2	5-30-23	Ryan Kitchel	Updated Ref Num and Address
1.3	11-30-23	Ryan Kitchel	Added Driver Name

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1. Introduction

This document is intended for business and technical personnel engaged in establishing an electronic connection with C.H. Robinson for the purpose of sending an outbound Shipment Status XML messages.

2. Shipment Status Definition

A shipment status message would be sent from a carrier to CH Robinson updating the status of the load the carrier has agreed to move on behalf of CHR or one of our partners.

3. XML Structure

- Min (Use) and Max (Use) refers to the minimum and maximum occurrence of the field it describes. Min usage of zero indicates an optional field.
- Length indicates number of characters in each field.
- Required describes if the element is mandatory (M), Optional (O) or Conditional (C)
- Type describes what kind of data a certain element holds such as Variable Character
- Attributes are indicated in [brackets] and will be below the field it is located in.
- XML documents must contain a root element. <Shipment Status> is the root element for the Shipment Status XML message.

Field Name	Type / Length	Min - Max	M/O/C	Sample Data	Notes
Shipment Status					
ShipmentStatusHeader					
TransactionID	Varchar / 1-9	1-1	M	TID-123456	Unique identification number similar to ISA control number in X12
LoadNumber	Varchar / 9-10	1-1	M	312345678	CHR Load # from 204 Booking/Tender or paper tender
DateTime	DateTime / 19-19	1-1	M	2021-11-05T15:00:00	Date Time Stamp YYYY-MM-DDTHH:MM:SS
CarrierCode	Varchar / 256	0-1	M	T12345	CHR Tcode Sent on the Load Tender
CarrierReference	Varchar / 256	0-1	O	PRO112233	Carrier PRO Number
SCAC	Varchar / 4-6	1-1	O	ABCD	Carrier SCAC Sent on the Load Tender
Trailer	Varchar / 1-50	1-1	O	Trailer1234	Trailer Number
Tractor	Varchar / 1-50	1-1	O	Tractor1234	Tractor Number
DriverName	Varchar / 1-50	1-1	O	Joe Molf	
Purpose	Varchar / 6-7	1-1	M	Status	Status
MoveType	Varchar / 4-6	1-1	M	OIDL	'OIDL' or 'OIPU' For Dray. TL for Truckload
StatusDetail					
ReferenceNumbers		0-256	O		
ReferenceNumber	String/0-256	0-20	O	CIT00011	A reference number that is of value to you or the customer.
[type]	String/0-256	1	C	PO	An indicator of what this number is (EX: Purchase Order Number)
Stop					
StopNumber	INT/0-10	0-1	O		2 Required on Pick/Drop if present on booking file
SequenceNumber	INT/1-10	1-1	O		1 Required on Pick/Drop if present on booking file
Event					
EventCode	Varchar/ 1-2	2	M	X6	X3, AF, X1, D1, CD, X6, I1
EventDescription	Varchar/1-256	50		Check Call	
EventDateTime	DateTime / 19-19	1-1	M	2021-11-05T15:00:00	
Exception					
ExceptionReasonCode	String/0-3		C	BKD	
ExceptionDescription	String/0-256		C	Truck Brokedown enroute	

EventLocation					
ID	String/1-10	1	M	W185123	When possible return the Wcode provided in the load booking.
Name	String/1-50		O	David's Depot	
Address					
AddressLineOne	Varchar/ 0-50	0-1	O	1919 Main St.	
AddressLineTwo	Varchar/ 0-50	0-1	O		
City	Varchar/ 1-50	0-1	C	Delano	
StateOrProvince	Varchar /2-2	0-1	C	MN	
Country	Varchar /3-3	0-1	C	USA	
PostalCode	Varchar/5-9	0-1	C	55328-4451	
Latitude	String/20	0-1	O	31.2342	
Longitude	String/20	0-1	O	-82.5352	

Note: An excel copy of this table, which may be easier for a BA or developers to work with, is available by request.

Useful Contacts

For questions about your existing connection (sFTP/AS2) or support for a live setup please email our support team at: eBizHelpDesk@chrobinson.com

For questions during implementation send an email to chrobinsoncarriedi@chrobinson.com

To start the setup process please reach out to your CHR or TMC rep.

Appendices

Appendix A: SFTP Information (Pull)

Username and password will be provided (if applicable).

PRODUCTION Information

- FTP Address sftp.prod.chrobinson.com
- Port 22
- Outbound Folder To_CHR
- Inbound Folder From_CHR

TEST Information

- FTP Address sftp-test.chrobinson.com
- Port 22
- Outbound Folder To_CHR
- Inbound Folder From_CHR